## CLAIMS

What is claimed is:

- 1. A medical probe for use with tissue, comprising:
- an elongate member having a proximal end and a distal end;
  an operative element carried at the distal end of the elongate member; and
  a stabilizer configured for applying a vacuum force to secure the operative
- 10 2. The medical probe of claim 1, wherein the operative element comprises an electrode for delivering ablation energy to the tissue.
  - The medical probe of claim 1, wherein the operative element comprises an
    electrode for sensing signals from the tissue.

- The medical probe of claim 1, wherein the operative element comprises an expandable-collapsible body having an interior.
- 5. The medical probe of claim 4, wherein the expandable-collapsible body
- comprises a plurality of pores sized to permit ionic transfer from the interior of the body to outside the body.

- The medical probe of claim 4, wherein the operative element further comprises an
  electrode located inside the expandable-collapsible body.
- 7. The medical probe of claim 4, wherein the expandable-collapsible body is non-
- porous.
  - The medical probe of claim 7, wherein the operative element further comprises an
    electrically conductive shell disposed on the expandable-collapsible body.
- The medical probe of claim 1, wherein the stabilizer is secured to the distal end of the elongate member.
  - The medical probe of claim 1, wherein the stabilizer comprises one or more vacuum ports.

- 11. The medical probe of claim 1, wherein the stabilizer comprises a shroud disposed around the distal end of the elongate member.
- The medical probe of claim 11, wherein the shroud is composed of a material
   exhibiting a low electrical conductivity.

- 13. The medical probe of claim 11, wherein the shroud is pre-shaped to expand in the absence of a compressive force.
- 14. The medical probe of claim 1, wherein the stabilizer comprises one or more tubes.

5

10

- 15. The medical probe of claim 14, wherein the one or more tubes are external to the operative element.
- 16. The medical probe of claim 14, wherein the one or more tubes are internal to the operative element.
- 17. The medical probe of claim 11, wherein the operative element comprises an expandable-collapsible body, and the shroud has a first configuration when the expandable-collapsible body is inflated, and a second configuration when the expandable-collapsible body is deflated.
- 18. The medical probe of claim 1, further comprising a handle assembly mounted to the proximal end of the elongate member.
- 20 19. The medical probe of claim 18, wherein the handle assembly comprises a steering mechanism for steering the distal end of the elongate member.

- The medical probe of claim 1, wherein the elongate member comprises a catheter
- The medical probe of claim 1, further comprising a sheath having a lumen through which the elongate member is slidably disposed.
- 22. The medical probe of claim 21, wherein the stabilizer is associated with the distal end of the elongate member.
- 10 23. The medical probe of claim 1, further comprising a sleeve having a lumen through which the elongate member is slidably disposed, wherein the stabilizer is associated with the sleeve.
  - 24. The medical probe of claim 23, wherein the stabilizer is secured to the sheath.
  - 25. A method of performing a medical procedure on a patient, comprising: introducing a medical probe having an operative element within the patient, the operative element being adjacent a target tissue;
- applying a vacuum force between the medical probe and the target tissue to secure

  20 the operative element relative to the target tissue; and
  - operating the operative element to perform the medical procedure on the target tissue while the operative element is secured relative to the target tissue.

- 26. The method of claim 25, wherein the operative element comprises an electrode.
- 27. The method of claim 26, wherein the electrode is an ablation electrode, and the
- operating comprises delivering ablation energy to the ablation electrode.
  - 28. The method of claim 26, wherein the electrode is a mapping electrode, and the operating comprises using the mapping electrode to sense a cardiac signal.
- 10 29. The method of claim 25, wherein the target tissue is cardiac tissue.
  - 30 The method of claim 29, wherein the cardiac tissue is endocardial tissue.
  - 31. The method of claim 25, wherein the target tissue is organ tissue.